

HT-00-023B



October 6, 2003

To: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Fr: George O. Saile, Reg. No. 19,572  
28 Davis Avenue  
Poughkeepsie, N.Y. 12603

Subject:

Serial No. 10/614,927 07/08/03

Cheng Horng, Ru-Ying Tong

SPIN VALVE HEAD WITH REDUCED  
ELEMENT GAP

Grp. Art Unit: \_\_\_\_\_

#### INFORMATION DISCLOSURE STATEMENT

Enclosed is Form PTO-1449, Information Disclosure Citation  
In An Application.

The following Patents and/or Publications are submitted to  
comply with the duty of disclosure under CFR 1.97-1.99 and  
37 CFR 1.56. Copies of each document is included herewith.

#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being  
deposited with the United States Postal Service as first class  
mail in an envelope addressed to: Commissioner for Patents,  
P.O. Box 1450, Alexandria, VA 22313-1450, on October 10, 2003.

Stephen B. Ackerman, Reg.# 37761

Signature/Date

 10/10/03

HT-00-023B

U.S. Patent 5,302,461 to Anthony, "Dielectric Films for Use in Magnetoresistive Transducers", discloses dielectric layers for MR heads including oxides of Ta, Hf, Zr, Y, Ti or Nb.

U.S. Patent 5,919,581 to Yamamoto et al., "Magnetic Recording System and Magnetic Recording Medium Used Therefor", discloses a MR with a shield layer.

The following two U.S. Patents disclose MR structures with dielectric layers:

- 1) U.S. Patent 5,999,379 to Hsiao et al., "Spin Valve Read Head with Plasma Produced Metal Oxide Insulation Layer Between Lead and Shield Layers and Method of Making".
- 2) U.S. Patent 5,432,734 to Kawano et al., "Magnetoresistive Element and Devices Utilizing the Same".

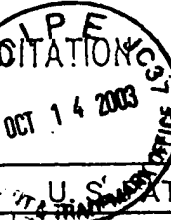
Sincerely,



Stephen B. Ackerman,  
Reg. No. 37761

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)



Docket Number (Sequence)

HT-00-023B

Application Number

10/614,927

Applicant

Cheng Horng et al.

Filing Date

07/08/03

Priority Art Unit

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE & APPROPRIATE
	5302461	4/12/94	Anthony	428	472	6/5/92
	5919581	7/6/99	Yamamoto et al.	428	694T	6/25/96
	5999379	12/7/99	Hsiao et al.	360	113	12/11/97
	5432734	7/11/95	Kawano et al.	365	158	12/21/93

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Portmanteau Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.